

31192prj.ST25.txt
SEQUENCE LISTING

09/715249
11/17/00

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VERES, GABOR
PIPPIG, SUSANNE

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<150> us 60/166594

<151> 1999-11-19

<150> us 09/539248

<151> 2000-03-30

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<170> PatentIn version 3.0

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Leu Ser Leu Gln Arg Met Phe Asn Asn Cys Glu Val Val Leu Gly Asn
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Leu Glu Ile Thr Tyr Val Gln Arg Asn Tyr Asp Leu Ser Phe Leu Lys
65 70 75 80

Thr Ile Gln Glu Val Ala Gly Tyr Val Leu Ile Ala Leu Asn Thr Val
85 90 95

Glu Arg Ile Pro Leu Glu Asn Leu Gln Ile Ile Arg Gly Asn Met Tyr
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Tyr Glu Asn Ser Tyr Ala Leu Ala Val Leu Ser Asn Tyr Asp Ala Asn
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Lys Thr Gly Leu Lys Glu Leu Pro Met Arg Asn Leu Gln Glu Ile Leu
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 His Gly Ala Val Arg Phe Ser Asn Asn Pro Ala Leu Cys Asn Val Glu
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 Ser Met Asp Phe Gln Asn His Leu Gly Ser Cys Gln Lys Cys Asp Pro
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 Ser Cys Pro Asn Gly Ser Cys Trp Gly Ala Gly Glu Glu Asn Cys Gln
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 Lys Leu Thr Lys Ile Ile Cys Ala Gln Gln Cys Ser Gly Arg Cys Arg
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 Gly Lys Ser Pro Ser Asp Cys Cys His Asn Gln Cys Ala Ala Gly Cys
 225 230 235 240
 Thr Gly Pro Arg Glu Ser Asp Cys Leu Val Cys Arg Lys Phe Arg Asp
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 Glu Ala Thr Cys Lys Asp Thr Cys Pro Pro Leu Met Leu Tyr Asn Pro
 260 265 270
 Thr Thr Tyr Gln Met Asp Val Asn Pro Glu Gly Lys Tyr Ser Phe Gly
 275 280 285
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 Gly Ser Cys Val Arg Ala Cys Gly Ala Asp Ser Tyr Glu Met Glu Glu
 305 310 315 320
 Asp Gly Val Arg Lys Cys Lys Lys Cys Glu Gly Pro Cys Arg Lys Val
 325 330 335
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 340 345 350
 Ala Thr Asn Ile Lys His Phe Lys Asn Cys Thr Ser Ile Ser Gly Asp
 355 360 365
 Leu His Ile Leu Pro Val Ala Phe Arg Gly Asp Ser Phe Thr His Thr
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 Glu Cys Leu Pro Gln Ala Met Asn Ile Thr Cys Thr Gly Arg Gly Pro
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 690 695 700
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 Lys Val Lys Ile Pro Val Ala Ile Lys Glu Leu Arg Glu Ala Thr Ser
 740 745 750
 Pro Lys Ala Asn Lys Glu Ile Leu Asp Glu Ala Tyr Val Met Ala Ser
 755 760 765
 Val Asp Asn Pro His Val Cys Arg Leu Leu Gly Ile Cys Leu Thr Ser
 770 775 780
 Thr Val Gln Leu Ile Thr Gln Leu Met Pro Phe Gly Cys Leu Leu Asp
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 Tyr Val Arg Glu His Lys Asp Asn Ile Gly Ser Gln Tyr Leu Leu Asn
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 Gln His Val Lys Ile Thr Asp Phe Gly Leu Ala Lys Leu Leu Gly Ala
 850 855 860
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Cys	Ala	Val	Glu	Ser	Tyr	Pro	Gln	Pro	Glu	Ile	Ser	Trp	Thr	Arg	Asn	50	55	60	
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Asn	Val	Lys	Ile	Ile	Glu	Gly	Leu	Lys	Ala	Val	Leu	Pro	Cys	Thr	Thr	130	135	140	
Met	Gly	Asn	Pro	Lys	Pro	Ser	Val	Ser	Trp	Ile	Lys	Gly	Asp	Ser	Pro	145	150	155	160
Leu	Arg	Glu	Asn	Ser	Arg	Ile	Ala	Val	Leu	Glu	Ser	Gly	Ser	Leu	Arg	165	170	175	
Ile	His	Asn	Val	Gln	Lys	Glu	Asp	Ala	Gly	Gln	Tyr	Arg	Cys	Val	Ala	180	185	190	
Lys	Asn	Ser	Leu	Gly	Thr	Ala	Tyr	Ser	Lys	Val	Val	Lys	Leu	Glu	Phe	195	200	205	

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Ile	Gln	Glu	Ser	Val	Lys	Asp	Arg	Val	Ile	Asp	Ser	Arg	Leu	Gln	Leu	260	265	270
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Glu	Trp	Ser	Lys	Pro	Gln	Lys	Asp	Asn	Lys	Gly	Tyr	Cys	Ala	Gln	Tyr	305	310	315
Arg	Gly	Glu	Val	Cys	Asn	Ala	Val	Leu	Ala	Lys	Asp	Ala	Leu	Val	Phe	325	330	335
Leu	Asn	Thr	Ser	Tyr	Ala	Asp	Pro	Glu	Glu	Ala	Gln	Glu	Leu	Leu	Val	340	345	350
His	Thr	Ala	Trp	Asn	Glu	Leu	Lys	Val	Val	Ser	Pro	Val	Cys	Arg	Pro	355	360	365
Ala	Ala	Glu	Ala	Leu	Leu	Cys	Asn	His	Ile	Phe	Gln	Glu	Cys	Ser	Pro	370	375	380
Gly	Val	Val	Pro	Thr	Pro	Ile	Pro	Ile	Cys	Arg	Glu	Tyr	Cys	Leu	Ala	385	390	395
Val	Lys	Glu	Leu	Phe	Cys	Ala	Lys	Glu	Trp	Leu	Val	Met	Glu	Glu	Lys	405	410	415
Thr	His	Arg	Gly	Leu	Tyr	Arg	Ser	Glu	Met	His	Leu	Leu	Ser	Val	Pro	420	425	430
Lys	Cys	Ser	Lys	Leu	Pro	Ser	Met	His	Trp	Asp	Pro	Thr	Ala	Cys	Ala	435	440	445
Arg	Leu	Pro	His	Leu	Asp	Tyr	Asn	Lys	Glu	Asn	Leu	Lys	Thr	Phe	Pro	450	455	460

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Pro	Met	Thr	Ser	Ser	Lys	Pro	Ser	Val	Asp	Ile	Pro	Asn	Leu	Pro	Ser	465	470	475	480
Ser	Ser	Ser	Ser	Ser	Phe	Ser	Val	Ser	Pro	Thr	Tyr	Ser	Met	Thr	Val	485	490	495	
Ile	Ile	Ser	Ile	Met	Ser	Ser	Phe	Ala	Ile	Phe	Val	Leu	Leu	Thr	Ile	500	505	510	
Thr	Thr	Leu	Tyr	Cys	Cys	Arg	Arg	Arg	Lys	Gln	Trp	Lys	Asn	Lys	Lys	515	520	525	
Arg	Glu	Ser	Ala	Ala	Val	Thr	Leu	Thr	Thr	Leu	Pro	Ser	Glu	Leu	Leu	530	535	540	
Leu	Asp	Arg	Leu	His	Pro	Asn	Pro	Met	Tyr	Gln	Arg	Met	Pro	Leu	Leu	545	550	555	560
Leu	Asn	Pro	Lys	Leu	Leu	Ser	Leu	Glu	Tyr	Pro	Arg	Asn	Asn	Ile	Glu	565	570	575	
Tyr	Val	Arg	Asp	Ile	Gly	Glu	Gly	Ala	Phe	Gly	Arg	Val	Phe	Gln	Ala	580	585	590	
Arg	Ala	Pro	Gly	Leu	Leu	Pro	Tyr	Glu	Pro	Phe	Thr	Met	Val	Ala	Val	595	600	605	
Lys	Met	Leu	Lys	Glu	Glu	Ala	Ser	Ala	Asp	Met	Gln	Ala	Asp	Phe	Gln	610	615	620	
Arg	Glu	Ala	Ala	Leu	Met	Ala	Glu	Phe	Asp	Asn	Pro	Asn	Ile	Val	Lys	625	630	635	640
Leu	Leu	Gly	Val	Cys	Ala	Val	Gly	Lys	Pro	Met	Cys	Leu	Leu	Phe	Glu	645	650	655	
Tyr	Met	Ala	Tyr	Gly	Asp	Leu	Asn	Glu	Phe	Leu	Arg	Ser	Met	Ser	Pro	660	665	670	
His	Thr	Val	Cys	Ser	Leu	Ser	His	Ser	Asp	Leu	Ser	Met	Arg	Ala	Gln	675	680	685	
Val	Ser	Ser	Pro	Gly	Pro	Pro	Pro	Leu	Ser	Cys	Ala	Glu	Gln	Leu	Cys	690	695	700	
Ile	Ala	Arg	Gln	Val	Ala	Ala	Gly	Met	Ala	Tyr	Leu	Ser	Glu	Arg	Lys	705	710	715	720

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Met Val Val Lys Ile Ala Asp Phe Gly Leu Ser Arg Asn Ile Tyr Ser
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Ala Asp Tyr Tyr Lys Ala Asn Glu Asn Asp Ala Ile Pro Ile Arg Trp
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Met Pro Pro Glu Ser Ile Phe Tyr Asn Arg Tyr Thr Thr Glu Ser Asp
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Val Trp Ala Tyr Gly Val Val Leu Trp Glu Ile Phe Ser Tyr Gly Leu
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Gln Pro Tyr Tyr Gly Met Ala His Glu Glu Val Ile Tyr Tyr Val Arg
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Asp Gly Asn Ile Leu Ser Cys Pro Glu Asn Cys Pro Val Glu Leu Tyr
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Asn Leu Met Arg Leu Cys Trp Ser Lys Leu Pro Ala Asp Arg Pro Ser
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